

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A small electric motor and motor housing assembly comprising:

a small electric motor body having a pair of spaced apart sockets for receiving and frictionally engaging spaced apart parallel electrical power supply terminals;

5 a housing supporting the motor, the housing defining an aperture over the sockets;

a connector body;

a pair of spaced apart parallel electrical terminals extending outwards from the connector body and receivable by the sockets;

10 a motor body gripping portion extending from the connector body, the gripping portion mechanically latched to the motor body thereby substantially preventing relative movement between the terminals and the sockets; and

a pliable member mounted between the connector body and the housing, the pliable member allowing relative movement between the connector body and the housing while the motor moves relative to the housing under varying loads.

2. An assembly as claimed in claim 1 further comprising a sealing member between the connector body and the housing.

- 20 3. An assembly as claimed in claim 2 wherein the sealing member is the pliable member.

4. An assembly as claimed in claim 3 wherein the motor body further comprises an end bell and the gripping portion further comprises a pair of arms extending from the connector body, the arms resiliently displaceable away from each other to snap fit around the end bell thereby mechanically latching the connector body to the motor body.

5. An assembly as claimed in claim 4 wherein the terminals are insert moulded.

6. A connector for a small electric motor, the motor having a motor body with a pair of spaced apart sockets for receiving and frictionally engaging spaced apart parallel electrical power supply terminals, the connector comprising:
- 5 a connector body;
- a pair of spaced apart parallel electrical terminals extending outwards from the connector body and receivable by the sockets; and
- a motor body gripping portion extending from the connector body,
- wherein the gripping portion mechanically latches to the motor body thereby substantially preventing relative movement between the terminals and the
- 10 sockets.
7. A connector as claimed in claim 6 wherein the motor body further comprises an end bell and the gripping portion further comprises a pair of arms extending from the connector body, the arms resiliently displaceable away from each other
- 15 to snap fit around the end bell thereby mechanically latching the connector body to the motor body.
8. A connector as claimed in claim 7 wherein the terminals are insert moulded.
- 20 9. A connector substantially as hereinbefore described with reference to and as illustrated in the accompanying drawings.